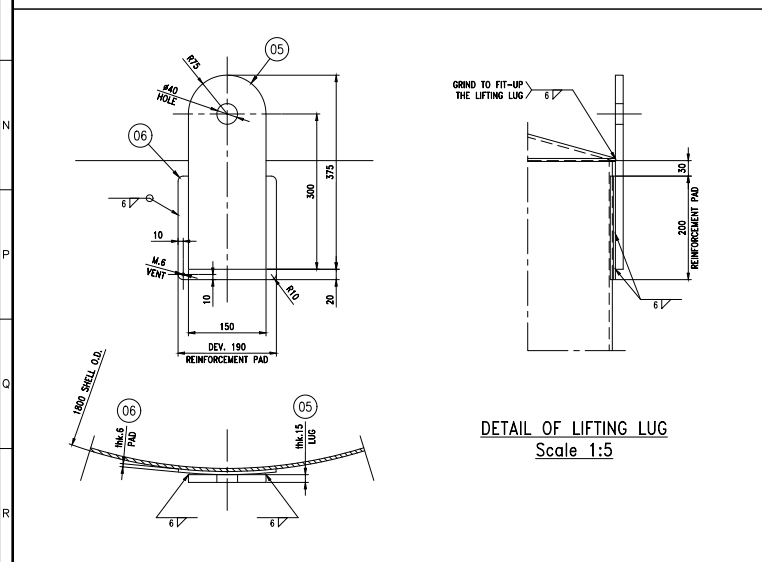
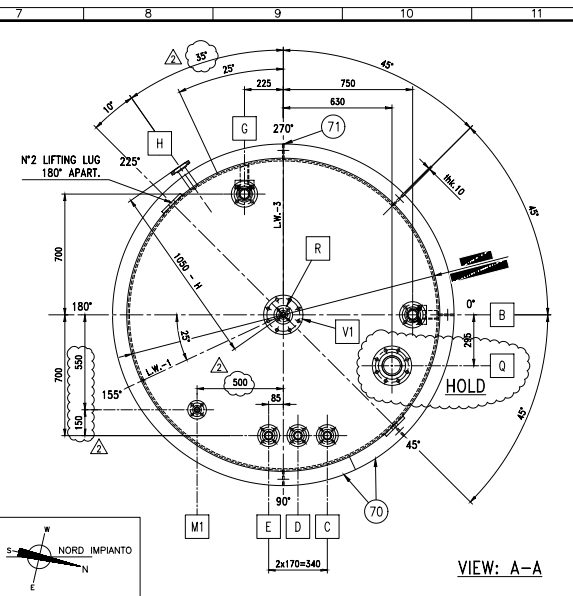
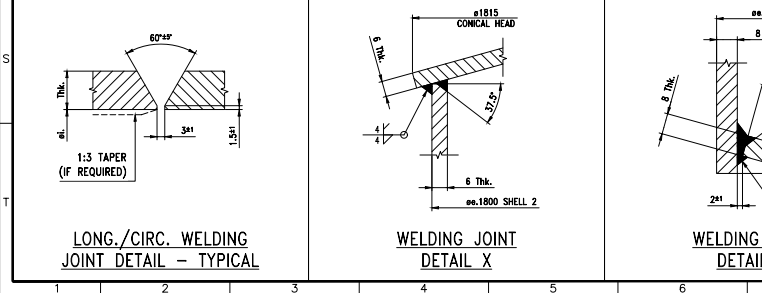


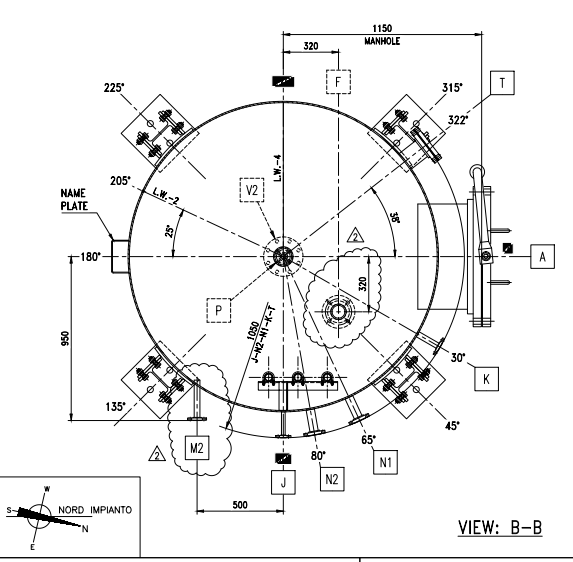
ELEVATION
(REFER PLAN VIEW FOR TRUE ORIENTATION)



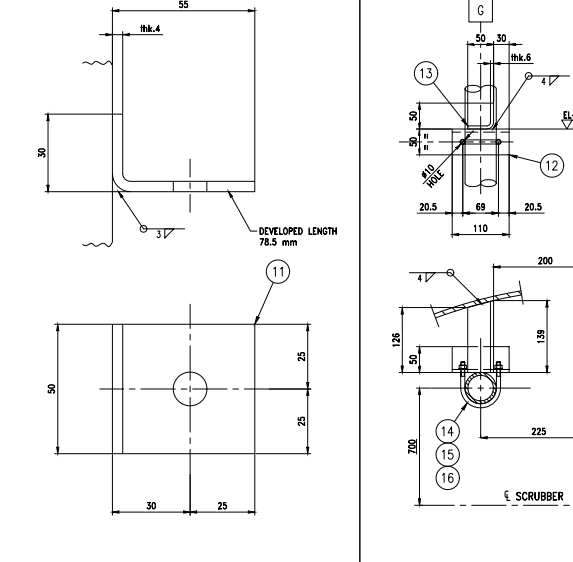
DETAIL OF LIFTING LUG
Scale 1:5



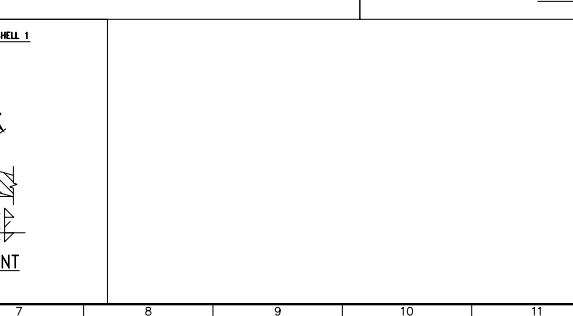
VIEW: A-A



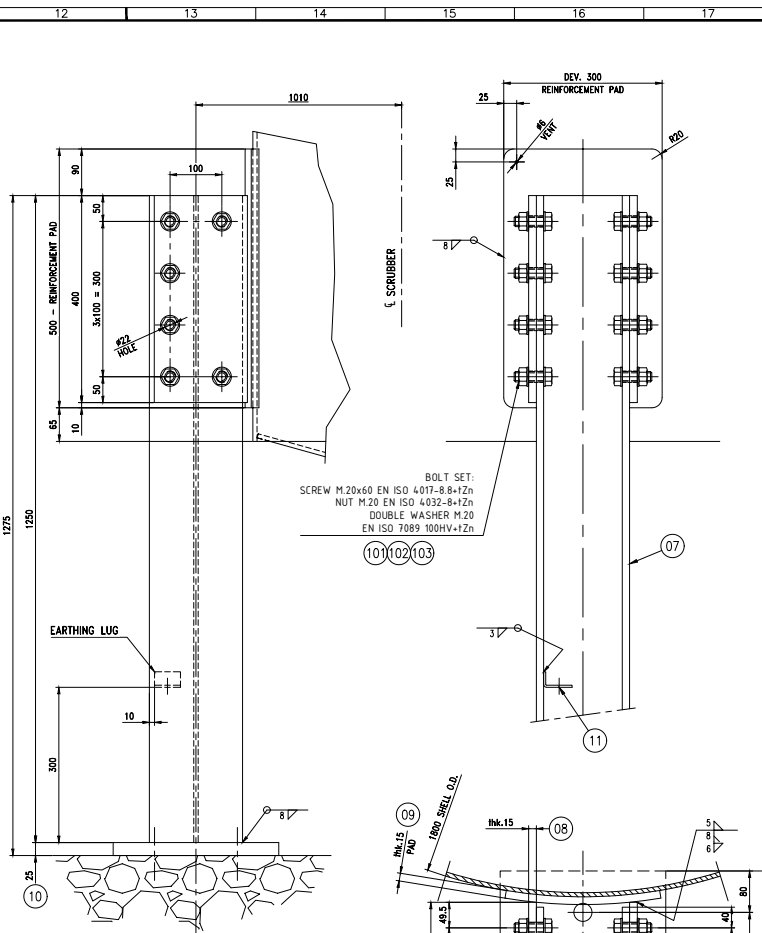
VIEW: B-B



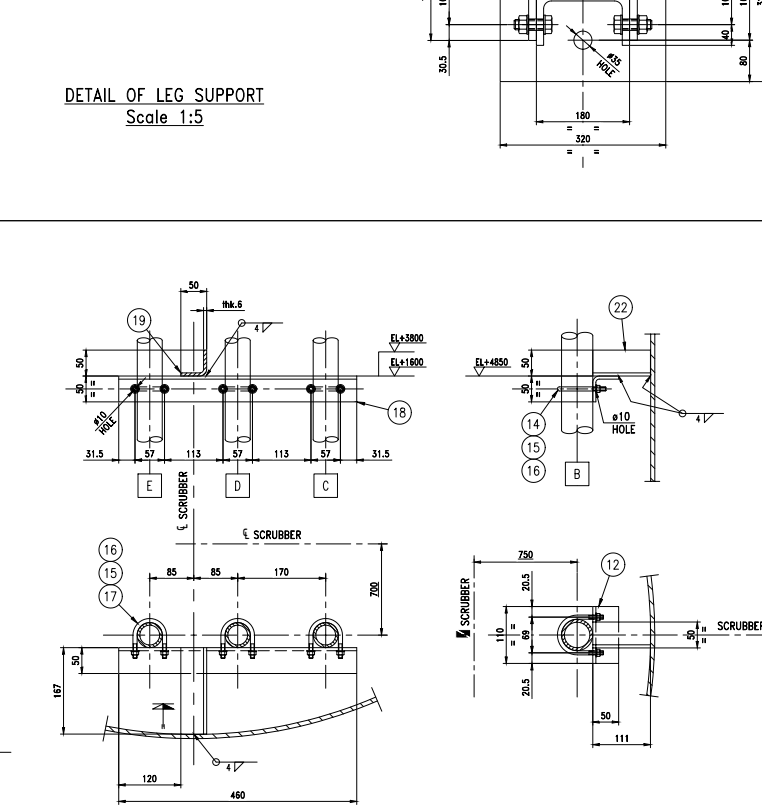
DETAIL OF EARTHING LUG
Scale 1:1



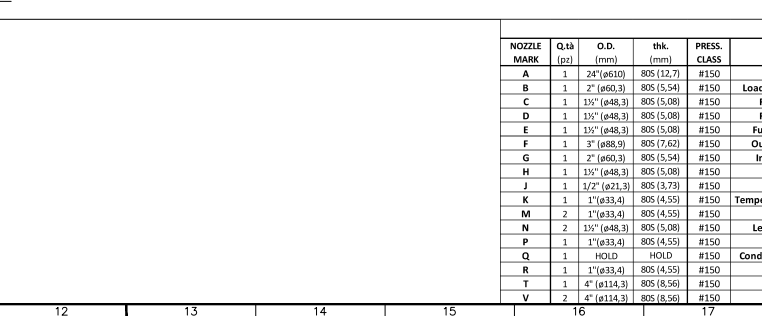
DETAIL OF PIPE SUPPORT
Scale 1:5



DETAIL OF LEG SUPPORT
Scale 1:5



DETAIL OF NAME PLATE
Scale 1:5



BILL OF MATERIAL									
MARK	Type	Section	Material	Length (mm)	Width (mm)	Thk (mm)	Qty	Unit Weight (kg)	Weight (kg)
01	Plate	SHELL 1st 1800x1800x6	S235JR EN 10028-2	5400	2000	6.0	1	74.8	74.8
02	Plate	SHELL 2nd 1800x1800x6	S235JR EN 10028-2	5400	2000	6.0	1	74.8	74.8
03	Plate	CONICAL HEAD TOP	S235JR EN 10028-2	400	400	6.0	1	11.2	11.2
04	Plate	CONICAL HEAD BOTTOM	S235JR EN 10028-2	400	400	6.0	1	11.2	11.2
05	Plate	LIFTING LUG	S235JR EN 10028-2	375	150	15.0	2	6.7	13.4
06	Plate	REINFORCEMENT PAD	S235JR EN 10028-2	200	100	6.0	2	1.6	3.2
07	Beam	HEB180	S355 EN 10025-2	1250	180	10	4	64.0	256.0
08	Plate	REINFORCEMENT PAD	S235JR EN 10028-2	500	300	10.0	4	8.0	32.0
09	Plate	REINFORCEMENT PAD	S235JR EN 10028-2	500	300	10.0	4	8.0	32.0
10	Plate	PLATE	S355 EN 10025-2	320	120	25.0	4	25.1	100.4
11	Plate	EARTHING LUG	S235JR EN 10028-2	75	50	4.0	1	0.5	0.5
12	Plate	REINFORCEMENT PAD	S235JR EN 10028-2	110	90	6.0	2	0.5	0.9
13	Plate	REINFORCEMENT PAD	S235JR EN 10028-2	110	90	6.0	1	0.5	0.5
14	Rod	U-BOLT 1/2 LIGHT WEIGHT	A2	-	-	-	2	0.3	0.2
15	Nut	NUT M20x1.5	A2	-	-	-	2	0.08	0.16
16	Washer	WASHER M20x1.5	A2	-	-	-	2	0.08	0.16
17	Rod	U-BOLT 1/2 LIGHT WEIGHT	A2	-	-	-	2	0.3	0.2
18	Plate	REINFORCEMENT PAD	S235JR EN 10028-2	400	90	6.0	2	2.0	8.0
19	Plate	REINFORCEMENT PAD	S235JR EN 10028-2	367	90	6.0	2	0.7	1.4
20	Plate	REINFORCEMENT PAD	S235JR EN 10028-2	311	90	6.0	1	0.5	0.5
21	Plate	NAME PLATE	S235JR EN 10028-2	374	100	5.0	1	2.8	2.8
22	Plate	PLATE	S235JR EN 10028-2	400	100	4.0	4	8.0	32.0
23	Plate	PLATE	S235JR EN 10028-2	400	100	4.0	4	8.0	32.0
24	Plate	PLATE	S235JR EN 10028-2	400	100	4.0	4	8.0	32.0
TOTAL (kg)									2245

IMPORTANT: THE DIMENSION (X) OF FILLET WELDS MUST BE 0.7 TIMES THE LOWER THICKNESS TO BE JOINED, UNLESS OTHERWISE INDICATED.

GENERAL NOTES

- ALL BOLT HOLES TO STRADDLE THE NORMAL VESSEL CENTERLINES OR THEIR PARALLELS UNLESS NOTED.
- AFTER HYDROSTATIC TEST, THE VESSEL SHALL BE DRAINED AND THOROUGHLY CLEANED TO REMOVE ALL GREASE, SCALE, AND OTHER FOREIGN DEBRIS.
- ALL REINFORCEMENT PADS ARE TO BE TESTED PRIOR TO HYDRO @ 1 bar USING DRY AIR AND SOAP SUDS.
- LEAVE TEST HOLES OPEN DURING HYDROTEST, FILL WITH HEAVY GREASE PRIOR TO SHIPPING.
- WHEN POSSIBLE AND ACCESSIBLE, FULL PENETRATION WELDS MAY, WITH CONCURRENCE OF OCP, BE BACK WELDED.
- FABRICATION TOLERANCES AS PER EN 13445-4.
- MANWAY COVERS SHALL BE SHIP TRIAL FIT AND DAVIT'S NUT ADJUSTED. A TEMPORARY 3MM RUBBER SHIPPING GASKET SHALL BE INSTALLED PRIOR TO CLOSURE AND BOLT UP. SUPPLIER TO NOTE ON SHIPPING DRAWINGS THAT THIS GASKET IS FOR SHIPPING ONLY AND MUST BE REPLACED WITH THE SERVICE GASKET PRIOR TO START-UP.
- ALL SEAM WELDS TO BE PICKLED AND PASSIVATED.
- ALL STAINLESS STEEL BOLTS TO BE LUBRICATED BEFORE INSTALLATION WITH ANTI-SEIZE PASTE LOTITE 8012 OR 8023.

DATI DI PROGETTO / DESIGN DATA			
SIGLA	TAG	76HS228-BB180	
CODICE DI PROGETTO	DESIGN CODE	EN 13445	
CATEGORIA APPARECCHIATO	EQUIPMENT CLASS	SOUND ENGINEERING PRACTICE	
CLASSE DEI CONTROLLI	TESTING GROUP	3b EN 13445-5	
MARCATURA	MARKING	NO	
NUMERO DI FABBRICA	SERIAL NUMBER	2822	
ANNO DI COSTRUZIONE	FABRICATION YEAR	2022	
PRESSIONE DI PROVA	DESIGN PRESSURE INT/EXT	0.845/6.085 MPa	
PRESSIONE OPERATIVA	OPERATING PRESSURE	ATM	
PRESSIONE DI PROVA	TEST PRESSURE	0.867 MPa	
TEMPERATURA DI PROGETTO	DESIGN TEMPERATURE	50 °C	
TEMPERATURA MINIMA DI PROGETTO	MINI	0 °C	
FLUIDO	FLUID	WATER + NH3	
SOVRAPRESSORE DI CORROSIONE	CORROSION ALLOWANCE	0.85	
EFFICIENZA DEI GIUNTI	JOINT EFFICIENCY	0.85	
PESO A VUOTO	EMPTY WEIGHT	2800 kg	
PESO IN ESERCIZIO	OPERATING WEIGHT	13000 kg	
PESO IN PROVA IDRAULICA	TEST WEIGHT	14600 kg	
CAPACITA	CAPACITY	11.7 m³	
TRATTAMENTO SUPERFICIALE INT/EST	SURFACE FINISHING INT/EXT	NO	
ISOLAMENTO	INSULATION	THIRD PARTY	

REV	DATE	DESCRIPTION	ISSUED	CHKD	APPD
2	22/09/2022	REVISED WHERE INDICATED	DZ	SB	AM
1	28/07/2022	REVISED WHERE INDICATED	DZ	SB	AM
0	29/06/2022	FIRST ISSUE	DZ	SB	AM

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TITLE:
AMMONIA SCRUBBER TANK
ASSEMBLY AND DETAILS DRAWINGS

PURCHASER: ENEL PRODUZIONE S.p.A.
OWNER: ENEL PRODUZIONE S.p.A.

PROJECT: Chemical quantities of SR - Ammonia solution storage
Power Plant "Andrea Palladio" Fusina (VE)

REVISION: 02
JOB NO: 223530-00-AGT501
CODE: 1-2
SHT: 02
REV: 02
FE: 02

DRAWINGNUMBER: 223530-00-AGT501
SCALE: 1:15

APPROVATO: 26/09/22
EAG: BEC
SUPERVISOR: 26/09/22
EAG: BEC

DOCUMENTO: PBCFUS58341
DOCUMENT NO: PBCFUS58341

PROGETTO: FUSINA
CAPACITY MARKET ITALY

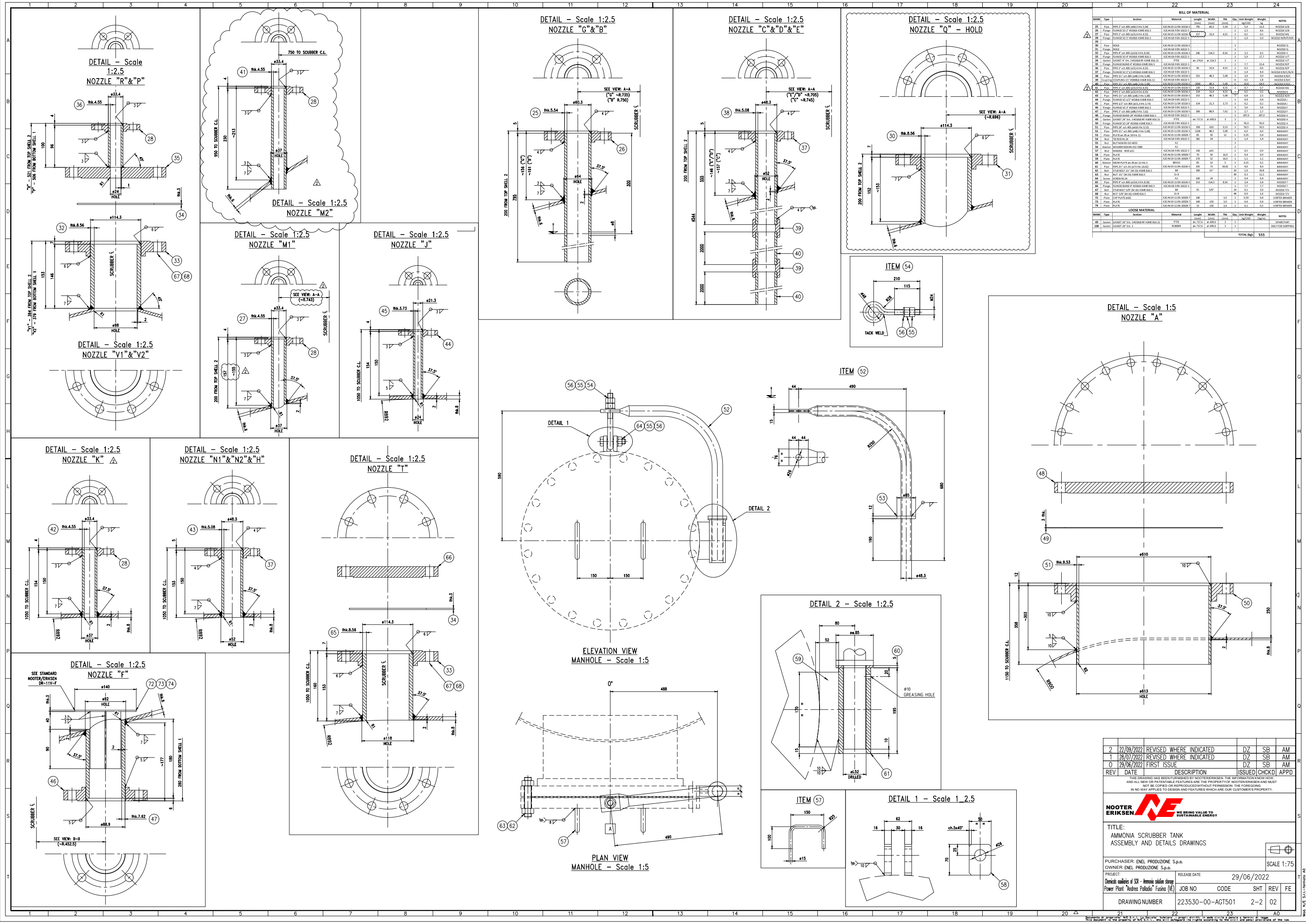
CLIENT: ENEL PRODUZIONE S.p.A.

PRODOTTO: PBCFUS58341

REVISION: 02

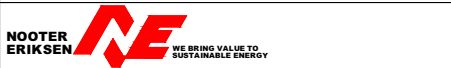
SCALE: 1:15

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2	22/09/2022	REVISED WHERE INDICATED	DZ	SB	AM
1	28/07/2022	REVISED WHERE INDICATED	DZ	SB	AM
0	29/06/2022	FIRST ISSUE	DZ	SB	AM
REV	DATE	DESCRIPTION	ISSUED	CHKD	APPD

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TITLE:
AMMONIA SCRUBBER TANK
ASSEMBLY AND DETAILS DRAWINGS

PURCHASER: ENEL PRODUZIONE S.p.A.
OWNER: ENEL PRODUZIONE S.p.A.

PROJECT: Chemical unit of SR - ammonia solution storage
Power Plant: "Andrea Palladio" Fusina (VE)

RELEASE DATE: 29/06/2022
JOB NO: CODE SHT REV FE

DRAWING NUMBER: 223530-00-AGT501 2-2 02

SCALE 1:75